

# REGIONAL FORESTER SENSITIVE ANIMAL

Signed by Regional Forester on Tuesday, 29 February 2000

The following species occur within the proclamation boundaries of at least one Eastern Region (R9) National Forest and are either candidates for Federal listing under the Endangered Species Act (ESA), species delisted under ESA in the last five years, or are globally (G or T) or nationally (N) ranked 1-3 by The Nature Conservancy (TNC) and Association for Biodiversity Information (ABI) [this group of species is marked "GTN" under the column labeled Criteria] or considered Sensitive on the forests based on Risk Evaluations [this group of species is marked "RISK" under the column labeled Criteria].

## KEY:

R = species is designated as Regional Forester Sensitive

+ = species is present within proclamation boundaries but is not designated as Regional Forester Sensitive because not determined to be at risk on that forest

EX = species is extirpated from the forest

## Explanation of TNC and ABI Ranks:

Species have both a Global Rank (G) (or Trinomial Rank (T) for subspecies) and a National Rank (N). The numeric ranks describe the status of the species:

1 = the species (or trinomial) is either globally or nationally critically imperiled

2 = the species (or trinomial) is either globally or nationally imperiled

3 = the species (or trinomial) is either rare or uncommon

4 = the species (or trinomial) is either globally or nationally widespread, abundant, or apparently secure, but with cause for long-term concern

5 = the species (or trinomial) is either globally or nationally demonstrably widespread, abundant, and secure

In addition or in place of the to the numeric rank, the Global (G), Trinomial (T), or National (N) Rank can have one of the following descriptive qualifiers:

? = the species (or trinomial) is either unranked or has a questionable rank

U = the species (or trinomial) is unrankable

H = the species (or trinomial) is historic

X = the species (or trinomial) is extinct

Q = the species (or trinomial) has questionable taxonomy according to TNC and ABI scientists

Birds are sometimes given two separate ranks--one for the breeding season and one for the non breeding season. Those ranks will be indicated with a B and an N following the numeric portion of the rank.

Species also are given a State Rank by the State Natural Heritage Program. The State Ranks are not listed here, but are usually available directly from the Heritage Program. In most cases, the following species are either ranked S1 or S2 (critically imperiled or imperiled within the state) or are listed threatened or endangered under state law.

Scientific Name <b>MAMMALS</b>	Common Name	NRank	GRank	Criteria	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	TNC	ELCODE
<i>Lutra canadensis</i>	River Otter	N5	G5	RISK	EX	+	+	R	R	+	+		+	+	+	+	+	+	+	+	AMAJF08010	
<i>Lynx rufus</i>	Bobcat	N5	G5	RISK	EX	+	+	R	R	+	+		+	+	+	+	+	+	+	+	AMAJH03020	
<i>Microtus chrotorrhinus carolinensis</i>	Southern Rock Vole	N3	G4T3	GTN																	AMAFF11091	

Scientific Name	Common Name	NRank	GRank	Criteria	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	TNC	ELCODE
		N3N4	G3G4	GTN	R	R	EX														AMACC01030	
<i>Myotis austroriparius</i>	Southeastern Myotis	N3N4	G3G4	GTN	R			R		R		R									AMACC01130	
<i>Myotis leibii</i>	Eastern Small-footed Myotis	N3	G3	GTN																	AMACC01130	
<i>Myotis septentrionalis</i>	Long-eared Myotis	N4	G4	RISK	+	+	+	+	+	R			+	+	+	+				+	AMACC01060	
<i>Neotoma floridana</i>	Eastern Woodrat	N5	G5	RISK	+	R															AMAFF08010	
<i>Neotoma magister</i>	Allegheny Woodrat	N3N4	G3G4	RISK			R		R	EX											AMAFF08100	
<i>Nycticeius humeralis</i>	Evening Bat	N5	G5	RISK	+	+	R	R													AMACC06010	
<i>Phenacomys intermedius</i>	Heather Vole	N5	G5	RISK															R		AMAFF10010	
<i>Pipistrellus subflavus</i>	Eastern Pipistrelle	N5	G5	RISK					+	+	+		+	+					R		AMACC03020	
<i>Sorex palustris</i>	Water Shrew	N5	G5	RISK							R							+			AMABA01150	
<i>Sorex palustris punctulatus</i>	Southern Water Shrew	N3	G5T3	GTN							R										AMABA01151	
<i>Synaptomys borealis sphagnicola</i>	Northern Bog Lemming	N1	G4T3Q	GTN										R					R		AMAFF17021	
<i>Taxidea taxus</i>	American Badger	N5	G5	RISK	EX		R											+	+	+	AMAJF04010	
<i>Ursus americanus</i>	Black Bear	N5	G5	RISK	EX	+		EX	R	+	+		+	+	+	+	+	+	+	+	AMAJB01010	
<b>BIRDS</b>																						
<i>Accipiter gentilis</i>	Northern Goshawk	N4B,N4N	G5	RISK						R	+	R	+	+	R	R	R	R	R	R	ABNKC12060	
<i>Aegolius funereus</i>	Boreal Owl	N4	G5	RISK														R			ABNSB15010	
<i>Aimophila aestivalis</i>	Bachman's Sparrow	N3B,N3N	G3	GTN	R	EX	EX	EX	EX												ABPBX91050	
<i>Ammodramus henslowii</i>	Henslow's Sparrow	N3B,N4N	G4	GTN	R	R	R	R	R			R				R	R				ABPBXA0030	
<i>Ammodramus leconteii</i>	Le Conte's Sparrow	N3B,N4N	G4	GTN													R		R	R	ABPBXA0040	
<i>Ammodramus nelsoni</i>	Nelson's Sharp-tailed Sparrow	N3B,N5N	G5	GTN															R		ABPBXA0070	
<i>Asio flammeus</i>	Short-eared Owl	N5B,N5N	G5	RISK	R		+	+	+				+			R	R				ABNSB13040	
<i>Bartramia longicauda</i>	Upland Sandpiper	N5B	G5	RISK	R	+					R			+	+	+	+	+	+	+	ABNNF06010	
<i>Buteo lineatus</i>	Red-shouldered Hawk	N5B,N5N	G5	RISK	+	+	+	+	+	+	+	+	+	+	+	+	R	R	R	R	ABNKC19030	

Scientific Name	Common Name	NRank	GRank	Criteria	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	TNC	ELCODE	
		N4B	G4	RISK	R	R																ABPBJ18120	
<i>Catharus bicknelli</i>	Bicknell's Thrush	N4B	G4	RISK																			
<i>Chlidonias niger</i>	Black Tern	N4B,NZN	G4	RISK	+																	ABNNM10020	
<i>Circus cyaneus</i>	Northern Harrier	N5B,N5N	G5	RISK	R	+	+	+	+				R	+		+	+	+	+	+	+	ABNKC11010	
<i>Contopus cooperi</i>	Olive-sided Flycatcher	N5B	G5	RISK												+	+	+	+	+	R	ABPAE32010	
<i>Coturnicops noveboracensis</i>	Yellow Rail	N3B,N4N	G4	GTN																R	R	ABNME01010	
<i>Cygnus buccinator</i>	Trumpeter Swan	N4B,N4N	G4	RISK	EX															R	R	ABNJB02030	
<i>Dendroica caerulescens</i>	Black-throated Blue Warbler	N5B	G5	RISK												+	+	+	+	+	+	R	ABPBX03050
<i>Dendroica castanea</i>	Bay-breasted Warbler	N5B	G5	RISK												+	+	+	+	+	R	R	ABPBX03220
<i>Dendroica cerulea</i>	Cerulean Warbler	N4B	G4	RISK	R	R	R	R	R	+	+					R			+			ABPBX03240	
<i>Dendroica discolor</i>	Prairie Warbler	N5B,N?N	G5	RISK	+	+	+	+	+							R	R					ABPBX03190	
<i>Dolichonyx oryzivorus</i>	Bobolink	N5B	G5	RISK	R	+										+	+	+	+	+	+	ABPBX09010	
<i>Empidonax flaviventris</i>	Yellow-bellied Flycatcher	N5B	G5	RISK	+											+	+	+	+	+	+	ABPAE33010	
<i>Falcipennis canadensis</i>	Spruce Grouse	N5	G5	RISK												+	R	+	+	R	+	ABNLC09010	
<i>Falco peregrinus anatum</i>	American Peregrine Falcon	N3B,N3N	G4T3	GTN	R	R	EX			R					R	R	R	R	R	R	ABNKD06071		
<i>Gavia immer</i>	Common Loon	N4B,N5N	G5	RISK												R	R	R	R	+	+	ABNBA01030	
<i>Ixobrychus exilis</i>	Least Bittern	N5B,N5N	G5	RISK	R																	ABNGA02010	
<i>Lanius ludovicianus migrans</i>	Migrant Loggerhead Shrike	N3B,N3N	G5T3Q	GTN	R	R	R	R		R	EX				EX	R	R					ABPBR01037	
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	N4B	G4	RISK		R	R															ABPBX09010	
<i>Nycticorax nycticorax</i>	Black-crowned Night-heron	N5B,N5N	G5	RISK	+											R	R			+		ABNGA11010	
<i>Oporornis agilis</i>	Connecticut Warbler	N3B	G4	GTN												R	R	R	R	R	R	ABPBX11020	
<i>Phalaropus tricolor</i>	Wilson's Phalarope	N5B,NZN	G5	RISK																R	R	ABNNF20010	
<i>Picoides arcticus</i>	Black-backed Woodpecker	N4	G5	RISK												+	+	+	R	+	R	ABNYF07090	
<i>Picoides tridactylus</i>	Three-toed Woodpecker	N5	G5	RISK												+				R		ABNYF07080	

Scientific Name	Common Name	NRank	GRank	Criteria	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	TNC	ELCODE	
				RISK	R											R					ABNME05020		
<i>Rallus elegans</i>	King Rail	N4N5B,N4	G4G5																				
<i>Sterna caspia</i>	Caspian Tern	N4N5B,N4	G5	RISK												R					ABNNM08020		
<i>Sterna hirundo</i>	Common Tern	N5B,NZN	G5	RISK												R					ABNNM08070		
<i>Strix nebulosa</i>	Great Gray Owl	N4	G5	RISK												+		+	R	R	ABNSB12040		
<i>Tympanuchus phasianellus</i>	Sharp-tailed Grouse	N4	G4	RISK												R	R	R	R	R	ABNLC13030		
<b>AMPHIBIANS</b>																							
<i>Ambystoma jeffersonianum</i>	Jefferson Salamander	N5	G5	RISK												+	+				AAAAA01050		
<i>Aneides aeneus</i>	Green Salamander	N3N4	G3G4	RISK												R	R				AAAAD01010		
<i>Cryptobranchus alleganiensis</i>	Hellbender	N4	G4	RISK												R	R	+			AAAC01010		
<i>Cryptobranchus allenganiensis bishopi</i>	Ozark Hellbender	N3	G4T3	GTN																	AAAC01012		
<i>Hemidactylum scutatum</i>	Four-toed Salamander	N5	G5	RISK												+		+	+	+	AAAAD08010		
<i>Hyla avivoca</i>	Bird-voiced Tree Frog	N5	G5	RISK												R					AAABC02030		
<i>Rana blairi</i>	Plains Leopard Frog	N5	G5	RISK	R																AAABH01040		
<b>REPTILES</b>																							
<i>Clemmys insculpta</i>	Wood Turtle	N4	G4	RISK												+		R	R	R	+	+	R
<i>Clemmys muhlenbergii</i>	Bog Turtle	N3	G3	GTN														R				ARAAD02040	
<i>Clonophis kirtlandii</i>	Kirtland's Snake	N2	G2	GTN	EX											R					ARADB06010		
<i>Crotalus horridus</i>	Timber Rattlesnake	N4	G4	RISK		+	R	R	R	R	R				EX	EX					ARADE02040		
<i>Emydoidea blandingii</i>	Blanding's Turtle	N4	G4	RISK	R													R	R	+	R	ARAAD04010	
<i>Macroclemys temminckii</i>	Alligator Snapping Turtle	N3N4	G3G4	RISK		R	+														ARAAB02010		
<i>Nerodia erythrogaster neglecta</i>	Northern Copperbelly Watersnake	N2N3	G5	GTN																			
<i>Sistrurus catenatus catenatus</i>	Eastern Massasauga	N3N4	G3G4T3T4	GTN														R				ARADE03011	
<i>Terrapene carolina carolina</i>	Eastern Box Turtle	N5	G5T5	RISK		+	+	+	+									R				ARAAD08012	

Scientific Name	Common Name	NRank	GRank	Criteria	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	TNC	ELCODE
<b>FISH</b>																						
<i>Acipenser fulvescens</i>	Lake Sturgeon	N3	G3	GTN			R										R	R	R	R	R	AFCAA01020
<i>Amblyopsis spelaea</i>	Northern Cavefish	N3	G3	GTN			R															AFCLA01020
<i>Ammocrypta pellucida</i> (= <i>Etheostoma pellucidum</i> )	Eastern Sand Darter	N3	G3	GTN			R	R														AFCQC01060
<i>Clinostomus elongatus</i>	Redside Dace	N4	G4	RISK				R										+	+			AFCJB05010
<i>Coregonus artedi</i>	Cisco Or Lake Herring	N4	G5	RISK												R	+	+	+	+	+	AFCHA01020
<i>Coregonus zenithicus</i>	Shortjaw Cisco	N3	G2	GTN															R			AFCHA01140
<i>Cottus hypselurus</i>	Ozark Sculpin	N3	G3	GTN	R																	AFC4E02250
<i>Crystallaria</i> (= <i>Ammocrypta</i> ) <i>asprella</i>	Crystal Darter	N3	G3	GTN	R																	AFCQC01010
<i>Erimystax x-punctatus</i>	Gravel Chub	N4	G4	RISK				R														AFCJB50050
<i>Erimyzon suetta</i>	Lake Chubsucker	N5	G5	RISK			R															AFCJC05020
<i>Etheostoma</i> (= <i>Ammocrypta</i> ) <i>clarium</i>	Western Sand Darter	N3	G3	GTN	R																	AFCQC01040
<i>Etheostoma burri</i>	Brook Darter	N1	G1	GTN	R																	AFCQC02C70
<i>Etheostoma maculatum</i>	Spotted Darter	N2	G2	GTN				R														AFCQC02420
<i>Etheostoma osburni</i>	Candy Darter	N3	G3	GTN			R															AFCQC02550
<i>Etheostoma tippecanoe</i>	Tippecanoe Darter	N3	G3	GTN		EX		R														AFCQC02800
<i>Etheostoma uniporum</i>	Current Darter	N2	G2	GTN	R																	AFCQC02C60
<i>Ichthyomyzon bdellium</i>	Ohio Lamprey	N3N4	G3G4	RISK		R																AFBAA01010
<i>Ichthyomyzon fossor</i>	Northern Brook Lamprey	N4	G4	RISK													R					AFBAA01030
<i>Ichthyomyzon greeleyi</i>	Mountain Brook Lamprey	N3	G3	GTN			R															AFBAA01050
<i>Lepomis symmetricus</i>	Bantam Sunfish	N5	G5	RISK	R																	AFCQB11110
<i>Margariscus margarita</i>	Pearl Dace	N5	G5	RISK			R															AFCJB54010
<i>Moxostoma carinatum</i>	River Redhorse	N4	G4	RISK				R									R					AFCJC10040

<i>Scientific Name</i>	<i>Common Name</i>	<i>NRank</i>	<i>GRank</i>	<i>Criteria</i>	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	TNC	ELCODE
				GTN											R			R		R	AFCJC10170	
<i>Moxostoma valenciennesi</i>	Greater Redhorse	N3	G3	GTN											R			R		R	AFCJB28080	
<i>Notropis anogenus</i>	Pugnose Shiner	N3	G3	GTN											R			R		R	AFCJB28530	
<i>Notropis heterolepis</i>	Blacknose Shiner	N4	G5	RISK		R												+	+	AFCJB28540		
<i>Notropis hubbsi</i>	Bluehead Shiner	N3	G3	GTN		R														AFCJB28710		
<i>Notropis ozarkanus</i>	Ozark Shiner	N3	G3	GTN		R														AFCJB28830		
<i>Notropis sabinae</i>	Sabine Shiner	N2N3	G2G3	GTN		R														AFCJB28840		
<i>Notropis scabriceps</i>	New River Shiner	N4	G4	RISK											R					AFCQC04060		
<i>Percina copelandi</i>	Channel Darter	N4	G4	RISK											R		R		R	AFCQC04080		
<i>Percina cymatotaenia</i>	Bluestripe Darter	N3	G2	GTN		R														AFCQC04090		
<i>Percina evides</i>	Gilt Darter	N4	G4	RISK											R					AFCQC04100		
<i>Percina gymnocephala</i>	Appalachian Darter	N3	G3	GTN											R					AFCQC04120		
<i>Percina macrocephala</i>	Longhead Darter	N3	G3	GTN											R					AFCQC04150		
<i>Percina nasuta</i>	Longnose Darter	N3	G3	GTN		R														AFCQC04300		
<i>Percina uranidea</i>	Stargazing Darter	N3	G3	GTN		R														AFCJB30040		
<i>Phenacobius teretulus</i>	Kanawha Minnow	N3	G3	GTN											R					AFCJB32032		
<i>Pimephales tenellus parviceps</i>	Eastern Slim Minnow	N4	G5T4	RISK		R														AFCJB37060		
<i>Rhinichthys bowersi</i>	Cheat Minnow	N1N2	G1G2	GTN											R					AFCLA04010		
<i>Typhlichthys subterraneus</i>	Southern Cavefish	N3	G3G4	GTN		R														IMBIV02040		
<b>MOLLUSKS</b>																						
<i>Alasmidonta marginata</i>	Elktoe	N4	G4	RISK		+									R					IMBIV02100		
<i>Alasmidonta varicosa</i>	Brook Floater	N3	G3	GTN											R					IMGASF5010		
<i>Antrobia culveri</i>	Tumbling Creek Cavesnail	N1	G1	GTN		R														IMBIV06010		
<i>Arcidens confragosus</i>	Rock Pocketbook	N4	G4	RISK											R					Page 6 of 13 13-Mar-00		

Scientific Name	Common Name	NRank	GRank	Criteria	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	TNC	ELCODE
			G5	RISK				R													IMGAS07030	
<i>Carychium exile</i>	Ice Thorn		G5	RISK				R														
<i>Catinella exile</i>	Land Snail			RISK															R			
<i>Cumberlandia monodonta</i>	Spectacle Case	N2N3	G2G3	GTN	R																IMBIV08010	
<i>Cyprogenia aberti</i>	Western Fanshell	N2	G2	GTN	R																IMBIV10010	
<i>Epioblasma triquetra</i>	Snuffbox	N3	G3	GTN	R	R															IMBIV16190	
<i>Euconulus alderi</i>	Land Snail			RISK															R			
<i>Fontigens tartarea</i>	Organ Cavesnail	N2N3	G2G3	GTN					R												IMGASG5060	
<i>Fusconaia subrotunda</i>	Longsolid	N3	G3	GTN					R												IMBIV17120	
<i>Lampsilis fasciola</i>	Wavyrayed Lampmussel	N4	G4	RISK			R														IMBIV21070	
<i>Lampsilis teres</i>	Yellow Sandshell	N5	G5	RISK		R															IMBIV21240	
<i>Lasmigona compressa</i>	Creek Heelsplitter	N5	G5	RISK	+					R		R					R	R			IMBIV22020	
<i>Lasmigona costata</i>	Fluted-shell Mussel			RISK															R			
<i>Lasmigona subviridis</i>	Green Floater	N3	G3	GTN				R	R												IMBIV22060	
<i>Ligumia recta</i>	Black Sandshell	N5	G5	RISK		R											R	R			IMBIV26020	
<i>Obovaria jacksoniana</i>	Southern Hickorynut	N1N2	G1G2	GTN	R																IMBIV31010	
<i>Obovaria subrotunda</i>	Round Hickorynut	N4	G4	RISK		R	R	R													IMBIV31050	
<i>Plethobasus cyphyus</i>	Sheepnose	N3	G3	GTN	R																IMBIV34030	
<i>Pleurobema cordatum</i>	Ohio Pigtoe	N3	G3	GTN		R															IMBIV35090	
<i>Pleurobema rubrum</i>	Pyramid Pigtoe	N2	G2	GTN		R															IMBIV35250	
<i>Ptychobranchus occidentalis</i>	Ouachita Kidneyshell	N3N4	G3G4	RISK	R																IMBIV38040	
<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot			G3T3	GTN	R	R														IMBIV39041	
<i>Simpsonaias ambigua</i>	Salamander Mussel	N3	G3	GTN		R	R														IMBIV41010	
<i>Stenotrema (=Euchemotrema) hubrichti</i>	Carinate Pillsnail			G1	GTN		R														IMGAS94040	

Scientific Name	Common Name	NRank	GRank	Criteria	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	TNC	ELCODE
		N2	G2	GTN	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	IMBIV	43030
Toxolasma lividus	Purple Liliput	N2	G2	RISK		R	R														IMBIV	43050
Toxolasma parvus	Lilliput	N5	G5																			
Vallonia gracilicosta albula	Snail			RISK														R				
Venustaconcha ellipsiformis	Ellipse	N?	G3G4	RISK	R	+													+			IMBIVA4010
Vertigo bollesiana	Land Snail			RISK														R				
Vertigo meramecensis	Bluff Vertigo		G2	GTN		R																IMGAS20190
Vertigo morsei	Land Snail			RISK														R				
Vertigo paradoxa	Mystery Vertigo		G2G4	GTN														R				IMGAS20420
Villosa lienosa	Little Spectaclecase	N5	G5	RISK		+			R													IMBIV47070
<b>INSECTS</b>																						
Aeshna tuberculifera	Black-tipped Darner	N4	G4	RISK														R				IIODO14180
Aeshna verticalis	Green-striped Darner	N5	G5	RISK														R				IIODO14200
Aflexia rubranura	Red-veined Prairie Leafhopper		G1G2	GTN	R																	IIHOM08010
Aleochara lucifuga	Cave Rove Beetle		G?	GTN			R															IICOLG2010
Amblyscirtes belli	Bell's Roadside Skipper	N4	G4	RISK			R															IILEP80200
Appalachia arcana	Michigan Bog Grasshopper		G2G3	GTN														R				IIORT11010
Arigomphus furcifer	Lilypad Clubtail	N5	G5	RISK														R				IIODO81050
Atrytonopsis hianna	Dusted Skipper	N4N5	G4G5	RISK														R				IILEP79010
Boloria chariclea montina	White Mountain Fritillary	N2	G5	GTN														R				
Calephelis mutica	Swamp Metalmark	N3N4	G3G4	RISK		R																IILEPH2060
Calopteryx amata	Superb Jewelwing	N4	G3G4	RISK														R				IIODO65030
Ceraclea vertreesi	Verteree's Caddisfly		G2?	GTN															R			IITRI2A020
Cicindela denikei	Tiger Beetle Spp		G4	RISK														R				IICOL026M0

Scientific Name	Common Name	NRank	GRank	Criteria	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	TNC	ELCODE
		N2N3	G2G3	GTN		R							R								IICOL02060	
<i>Cicindela marginipennis</i>	Cobblestone Tiger Beetle	N2N3	G2G3	GTN									R								IILEW0F011	
<i>Eacles imperialis pini</i>	The Imperial Moth		G5T3	GTN									R								IILEW0F011	
<i>Erebia disa mancinus</i>	Mancinus Alpine	N3		GTN									R								IILEPN8031	
<i>Erebia discoidalis discoiddis</i>	Red-disked Alpine	N1N2	G5T4?	GTN									R								IILEPJ7023	
<i>Erynnis martialis</i>	Mottled Dusky Wing	N3N4	G3G4	RISK		R							R								IILEP37100	
<i>Erynnis persius</i>	Persius Duskywinged	N5	G5	RISK									R								IILEP37170	
<i>Euchloe olympia</i>	Olympia Marble	N4N5	G4G5	RISK		R							R								IILEPA5040	
<i>Gomphus (=Phanogomphus) descriptus</i>	Harpoon Clubtail	N4	G4	RISK		R							R								IODO08270	
<i>Gomphus adelphus</i>	Mustached Clubtail	N4	G4	RISK		R							R								IODO08420	
<i>Gomphus fraternus</i>	Midland Clubtail	N5	G5	RISK		R							R								IODO08120	
<i>Gomphus quadricolor</i>	Rapids Clubtail	N3N4	G3G4	RISK		R							R								IODO08380	
<i>Gomphus viridifrons</i>	Green-faced Clubtail	N3	G3	GTN		R							R								IODO08460	
<i>Helocordulia uhleri</i>	Uhler's Sundragon	N5	G5	RISK		R							R								IODO30020	
<i>Hesperia ottoe</i>	Ottoe Skipper	N3N4	G3G4	GTN									R								IILEP65050	
<i>Incisalia henrici</i>	Henry's Elfin		G5	RISK									R			R					IILEPE7050	
<i>Incisalia irus</i>	Frosted Elfin		G3G4	RISK									R								IILEPE7040	
<i>Lanthus vernalis</i>	Southern Pygmy Clubtail	N4	G4	RISK		R							R								IODO10020	
<i>Lepyronia gibbosa</i>	Hill-prairie Spittlebug		G3G4	RISK									R								IIHOM09010	
<i>Lestes eurinus</i>	Amber-winged Spreadwing	N4	G4	RISK		R							R								IODO67060	
<i>Lycaeides idas nabokovi</i>	Nabokov's (or Northern) Blue	N1N3	G5TU	GTN									R			R	R	R	R		IILEPG501B	
<i>Macromia wabashensis</i>	Wabash River Cruiser	N1N3	G1G3Q	GTN		R							R								IODO26110	
<i>Merolonche dolli</i>	Doll's Merolonche		G3G4	GTN									R								IILEYAR030	
<i>Oarisma powesheik</i>	Powesheik Skipper	N2	G2	GTN									R								IILEP57010	

Scientific Name	Common Name	NRank	GRank G?	Criteria	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	TNC	ELCODE
Ochrotrichia contorta	Micro Caddisfly			RISK		R															IITRI41020	
Oeneis jutta ascerta	Jutta Arctic	N2N3	G5T3T4	GTN															R		IILEPN8061	
Oenesis melissa semidea	White Mountain Butterfly	N2	G5 T2	GTN														R				
Ophiogomphus (=Ophionurus) mainensis	Maine Snaketail	N4	G4	RISK											R	R					IIODO12110	
Ophiogomphus anomalus	Extra-striped Snaketail	N3	G3	GTN														R			IIODO12020	
Ophiogomphus howei	Pygmy Snaketail	N3	G3	GTN														R			IIODO12090	
Papaipema beeriana	Blazing Star Stem Borer		G3	GTN	R																IILEYC0450	
Papaipema eryngii	Rattlesnake-master Borer Moth		G1G2	GTN	R																IILEYC0310	
Pieris virginiensis	West Virginia White	N3N4	G3G4	RISK			R											+			IILEPA2020	
Pseudanophthalmus fuscus	A Cave Beetle	N2N3	G2G3	GTN				R													IICOL4E040	
Pseudanophthalmus hadenoecus	Timber Ridge Cave Beetle	N1	G1	GTN				R													IICOL4E050	
Pseudanophthalmus hypertrichosis	A Cave Beetle	N3	G3	GTN				R													IICOL4E030	
Pseudanophthalmus montanus	Dry Fork Valley Cave Beetle	N1	G1	GTN				R													IICOL4E080	
Pseudanophthalmus tenuis (=stricticollis) jeanneli	A Troglobitic Ground Beetle	N?	G3T1T2	GTN			R														IICOL4EAB3	
Pseudanophthalmus youngi youngi	Young's Cave Ground Beetle		G2	GTN			R														IICOL4EAC0	
Pseudosinella certa	Gandy Creek Cave Springtail	N1	G1	GTN				R													IICLL01050	
Pseudosinella espana	A Springtail	N3	G3	GTN	R																IICLL01070	
Pseudosinella fonsa	Fountain Cave Springtail	N3N4	G3G4	GTN			R														IICLL01190	
Pseudosinella gisini	A Springtail		G3	GTN			R														IICLL01020	
Pygarctia spraguei	Sprague's Pygarctic		G3G4	RISK											R						IILEY39060	
Pyrgus centaureae freija	Freija's Grizzled Skipper	NU	G5T4T5	RISK													R				IILEP38011	
Pyrgus wyandot	Southern Grizzled Skipper	N2	G2	GTN			R								R						IILEP38090	
Schinia indiana	Phlox Moth		GU	RISK											R						IILEYMP130	

Scientific Name	Common Name	NRank	GRank	Criteria	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	TNC	ELCODE
		N2N3	G2G3	GTN						R											IICLL05020	
<i>Sinella agna</i>	A Springtail	N2N3	G2G3	GTN						R											IICLL05060	
<i>Sinella alata</i>	Wingless Winged Cave Springtail	N3	G3	GTN						R											IICLL05060	
<i>Sinella cavernacum</i>	Cavernicolous Springtail		G3	GTN						R												
<i>Somatochlora elongata</i>	Ski-tailed Emerald Dragonfly	N5	G5	RISK						R	R								+		IIODO32050	
<i>Somatochlora forcipata</i>	Forcipate Emerald	N4	G5	RISK								R										IIODO32080
<i>Somatochlora incurvata</i>	Warpaint Emerald	N3	G4	GTN														R				IIODO32130
<i>Somatochlora minor</i>	Ocellated Emerald	N4	G5	RISK								R										IIODO32170
<i>Spartiniphaga inops</i>	Spartina Borer Moth		G3G4	RISK								R										IILEYBQ020
<i>Speyeria diana</i>	Diana Fritillary	N3	G3	GTN						R												IILEPJ6010
<i>Speyeria idalia</i>	Regal Fritillary	N3	G3	GTN								R										IILEPJ6040
<i>Sphalloplana culveri</i>	Culver's Planarium	N1	G1	GTN						R												IPTRU04060
<i>Stenelmis douglasensis</i>	Douglas Stenelmis Riffle Beetle		G3G4	GTN								R										IILEYBQ020
<i>Stylurus scudderi</i>	Zebra Clubtail	N3N4	G4	RISK						R								R				IIODO80090
<i>Tomocerus bidentatus</i>	Two-toothed Springtail		G3	GTN			R															
<i>Trimerotropis huroniana</i>	Lake Huron Locust		G2G3	GTN								R	R									IIORT36010
<b>INVERTEBRATES</b>																						
<i>Allocrangonyx hubrichti</i>	Central Missouri Cave Amphipod	N1	G1	GTN	R																	ICMAL24010
<i>Apochthonius paucispinosus</i>	Dry Fork Valley Cave Pseudoscorpion	N1	G1	GTN						R												ILARA29010
<i>Caecidotea cannulus</i>	An Isopod		G2	GTN						R												ICMAL01250
<i>Caecidotea dimorpha</i>	An Isopod	N1N3	G1G3	GTN	R																	ICMAL01070
<i>Caecidotea holsingeri</i>	Holsinger's Cave Isopod	N3	G3	GTN						R												ICMAL01030
<i>Caecidotea simonini</i>	An Isopod	N1	G1	GTN						R												ICMAL01260
<i>Caecidotea sinuncus</i>	An Isopod	N1	G1	GTN						R												ICMAL01270

Scientific Name	Common Name	NRank	GRank G?	Criteria	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	TNC	ELCODE
				GTN				R														ILARA53010
<i>Calymmaria cavicola</i>	Cave Funnel-web Spider			GTN				R														ICMAL07210
<i>Cambarus hubrichti</i>	Salem Cave Crayfish	N2	G2	GTN																		ICMAL07250
<i>Cambarus nerterius</i>	An Underground Crayfish	N2	G2G3	GTN																		ICMAL07220
<i>Cambarus setosus</i>	Bristly Cave Crayfish	N2	G2	GTN			R															ICCOP11010
<i>Cauloxenus stygius</i>	A Cave Obligate Copepod	N3	G3	GTN				R														ITUNI04090
<i>Conotyla bollmani</i>	Bollman's Cave Millepede	N3	G3	GTN				R														ICMAL06090
<i>Crangonyx packardi</i>	Packard's Cave Amphipod	N3	G3	GTN				R														ILARAA5010
<i>Erebomaster flavescens</i>	Golden Cave Harvestman	N1N2	G1G2	GTN				R														ILARA48030
<i>Hesperochernes mirabilis</i>	Wonderful Pseudoscorpion	N3N4	G3G4	RISK				R														IPTUR05020
<i>Macrocytula hoffmasteri</i>	Hoffmaster's Cave Flatworm	N2N3	G2G3	GTN																		ILARA36210
<i>Megacyclops undescribed spp</i>	Campground Cave Copepod		G1	GTN				R														ICMAL11180
<i>Nesticus carteri</i>	Carter's Cave Spider		G?	GTN				R														ICMAL11190
<i>Orconectes eupunctus</i>	Coldwater Crayfish	N2	G2	GTN			R															ICMAL11100
<i>Orconectes harrisonii</i>	Big River Crayfish	N3	G3	GTN			R															ICMAL11050
<i>Orconectes kentuckiensis</i>	Kentucky Crayfish	N2	G2	GTN			R															ICMAL11050
<i>Orconectes meeki</i>	A Crayfish	N4	G4	RISK			R															ICMAL11050
<i>Orconectes peruncus</i>	Big Creek Crayfish	N2	G2	GTN			R															ICMAL11260
<i>Orconectes placidus</i>	A Crayfish	N5	G5	RISK			R															ICMAL11300
<i>Orconectes quadruncus</i>	St. Francis River Crayfish	N2	G2	GTN			R															ICMAL11680
<i>Orconectes williamsi</i>	White River Midget Crayfish	N2	G2	GTN			R															ILARA21010
<i>Oroconectes inermis inermis</i>	Northern Cave Crayfish		G2G3T2	GTN				R														
<i>Porhomma cavernicola</i>	Cavernicolous Sheet-web Spider		G3	GTN				R														

<i>Scientific Name</i>	<i>Common Name</i>	<i>NRank</i>	<i>GRank</i>	<i>Criteria</i>	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	TNC	ELCODE
		N2N3	G2G3	GTN						R											ITUNI03040	
<i>Pseudotremia fulgida</i>	Greenbrier Valley Cave Millipede	N2N3	G2G3	GTN						R											ITUNI03050	
<i>Pseudotremia lusciosa</i>	Germany Valley Cave Millipede	N1	G1	GTN						R											ITUNI03060	
<i>Pseudotremia princeps</i>	South Branch Valley Cave Millipede		G1	GTN						R											ITUNI62010	
<i>Scytonotus granulatus</i>	Granulated Millipede		G5	GTN						R											ICMAL05670	
<i>Stygobromus culveri</i>	Culver's Cave Isopod	N1N2	G1G2	GTN						R											ICMAL05070	
<i>Stygobromus emarginatus</i>	Greenbrier Cave Isopod	N3	G3	GTN						R											ICMAL05660	
<i>Stygobromus nanus</i>	Pocahontas Cave Isopod	N1	G1	GTN						R											ICMAL05540	
<i>Stygobromus onondagaensis</i>	Onondaga Cave Amphipod	N1	G1	GTN	R																ICMAL05560	
<i>Stygobromus parvus</i>	Minute Cave Isopod	N1N2	G1G2	GTN						R											ICMAL05610	
<i>Stygobromus subtilis</i>	Subtle Cave Amphipod	N2N3	G2G3	GTN	R																ITUNI05010	
<i>Trichopetalum krekeleri</i>	A Millipede		G1	GTN						R											ITUNI05030	
<i>Trichopetalum weyeriensis</i>	Grand Caverns Blind Cave Millipede	N3Q	G3Q	GTN						R											ITUNI05040	
<i>Trichopetalum whitei</i>	Luray Caverns Blind Cave Millipede	N2N3Q	G2G3Q	GTN						R												
Regionwide Species		262	<b>TOTAL NUMBER OF RFSS ANIMALS ON EACH FOREST</b>				ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP
					16	46	16	49	18	46	21	6	21	8	44	29	8	18	18	28	27	